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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/988,842

DATE: 04/30/2002

TIME: 15:47:33

Input Set : A:\12125-002001.txt

Output Set: N:\CRF3\04302002\I988842.raw

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4 <110> APPLICANT: Johansson, Jan
6 <120> TITLE OF INVENTION: DISCORDANT HELIX STABILIZATION FOR PREVENTION
7   OF AMYLOID FORMATION
9 <130> FILE REFERENCE: 12125-002001
11 <140> CURRENT APPLICATION NUMBER: US 09/988,842
12 <141> CURRENT FILING DATE: 2001-11-19
14 <150> PRIOR APPLICATION NUMBER: US 60/251,662
15 <151> PRIOR FILING DATE: 2000-12-06
17 <150> PRIOR APPLICATION NUMBER: US 60/253,695
18 <151> PRIOR FILING DATE: 2000-11-20
20 <160> NUMBER OF SEQ ID NOS: 26
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 4
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetically generated peptide
32 <400> SEQUENCE: 1
33 Lys Phe Phe Glu
34   1
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 4
38 <212> TYPE: PRT
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Synthetically generated peptide
44 <400> SEQUENCE: 2
45 Lys Ala Ala Glu
46   1
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 40
50 <212> TYPE: PRT
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: Synthetically generated peptide
56 <400> SEQUENCE: 3
57 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
58   1           5           10           15
59 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
60           20           25           30
61 Gly Leu Met Val Gly Gly Val Val
62           35           40

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64 <210> SEQ ID NO: 4
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66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Synthetically generated peptide
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73 Ala Gly Ile Val Pro Leu Asn Ile Glu Thr Leu Leu Phe Met Val Leu
74   1           5           10           15
75 Asp Val Ser Ala Lys Val Gly Phe Gly Leu Ile Leu Leu Arg Ser Arg
76   20           25           30
77 Ala Ile Phe
78   35
80 <210> SEQ ID NO: 5
81 <211> LENGTH: 25
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Synthetically generated peptide
88 <400> SEQUENCE: 5
89 Asn Leu Lys Arg Leu Leu Val Val Val Val Val Val Leu Val Val
90   1           5           10           15
91 Val Val Ile Val Gly Ala Leu Leu Met
92   20           25
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 43
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Synthetically generated peptide
102 <400> SEQUENCE: 6
103 Gly Gly Gly Gly Val Asp Val Gly Asp Val Val Ser Ala Ile Gln Gly
104   1           5           10           15
105 Ala Ala Gly Pro Ile Ala Ala Ile Gly Gly Ala Val Leu Thr Val Met
106   20           25           30
107 Val Gly Ile Lys Val Tyr Lys Trp Val Arg Arg
108   35           40
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 17
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Synthetically generated peptide
119 <400> SEQUENCE: 7
120 Gly Ser Val Thr Lys Ser Phe Ser Ala Val Val Leu Leu Gln Leu Val
121   1           5           10           15
122 Asp
125 <210> SEQ ID NO: 8
126 <211> LENGTH: 22

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127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Synthetically generated peptide
133 <400> SEQUENCE: 8
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136 Val Thr Thr Thr Thr Lys
137      20
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 11
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Synthetically generated peptide
147 <400> SEQUENCE: 9
148 Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly
149      1              5              10
151 <210> SEQ ID NO: 10
152 <211> LENGTH: 23
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetically generated peptide
159 <400> SEQUENCE: 10
160 Gln Asn Asn Phe Val His Asp Cys Val Asn Ile Thr Ile Lys Gln His
161      1              5              10              15
162 Thr Val Thr Thr Thr Lys
163      20
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 23
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetically generated peptide
173 <400> SEQUENCE: 11
174 Gln Asn Asn Phe Val His Asp Cys Val Asn Ile Thr Ile Lys Gln His
175      1              5              10              15
176 Thr Val Thr Thr Thr Lys
177      20
179 <210> SEQ ID NO: 12
180 <211> LENGTH: 19
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Synthetically generated peptide
187 <400> SEQUENCE: 12
188 Thr Asp Thr Cys Tyr Val Leu Ser Phe Ala Val Ile Met Leu Asn Thr
189      1              5              10              15

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190 Ser Leu His
193 <210> SEQ ID NO: 13
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198 <220> FEATURE:
199 <223> OTHER INFORMATION: Synthetically generated peptide
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203   1           5           10           15
204 Met Ala Asn Gly Tyr Gln Thr Val Val Ser Ile
205           20           25
207 <210> SEQ ID NO: 14
208 <211> LENGTH: 13
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Synthetically generated peptide
215 <400> SEQUENCE: 14
216 Gln Gly Gly Ala Val Val Phe His Thr Ala Phe Ile Asn
217   1           5           10
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224 <212> TYPE: PRT
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227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetically generated peptide
230 <400> SEQUENCE: 15
231 Tyr Ile Leu Phe Trp Asn His Val Gly Leu Glu Leu Asn Arg Val Thr
232   1           5           10           15
233 His Thr Val
236 <210> SEQ ID NO: 16
237 <211> LENGTH: 17
238 <212> TYPE: PRT
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetically generated peptide
244 <400> SEQUENCE: 16
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246   1           5           10           15
247 Arg
250 <210> SEQ ID NO: 17
251 <211> LENGTH: 27
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Synthetically generated peptide
258 <400> SEQUENCE: 17
259 Phe His Asp Lys Tyr Gly Asn Ala Val Leu Ala Ser Gly Ala Thr Phe

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260      1              5              10              15
261 Cys Val Ala Val Trp Val Tyr Met Ala Thr Gln
262              20              25
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266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Synthetically generated peptide
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274      1              5              10              15
275 Gln
279 <210> SEQ ID NO: 19
280 <211> LENGTH: 25
281 <212> TYPE: PRT
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Synthetically generated peptide
287 <400> SEQUENCE: 19
288 Pro Tyr Met Glu Gly Val Asn Pro Phe Ile Lys Ser Asn Lys His Arg
289      1              5              10              15
290 Met Ile Met Phe Leu Asp Glu Leu Gly
291              20              25
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 13
295 <212> TYPE: PRT
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Synthetically generated peptide
301 <400> SEQUENCE: 20
302 Phe Trp Lys Val Phe Pro Val Arg Val Phe Arg Leu Leu
303      1              5              10
305 <210> SEQ ID NO: 21
306 <211> LENGTH: 11
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Synthetically generated peptide
313 <400> SEQUENCE: 21
314 Val Val His Gln Val Val Tyr Gly Leu Met Ser
315      1              5              10
317 <210> SEQ ID NO: 22
318 <211> LENGTH: 12
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Synthetically generated peptide
325 <400> SEQUENCE: 22

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VERIFICATION SUMMARY

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